

Historical Floods: Rappahannock River near Fredericksburg (Old Site), Virginia

Latitude: 39.32

Period of Record: 1889-Present

Longitude: -77.518

Flood Stage: 18 ft

Last Flood: 3/21/1998

Number of Floods: 20

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/1/1889	32.20	-9,999	Major	C4 G1
5/23/1901	27.20	-999	Moderate	C4 G1
4/16/1918	19.50	-9,999	Minor	C4 G2
5/13/1924	25.10	-9,999	Moderate	C4 G1
10/1/1924	22.80	-9,999	Moderate	C4 G1
10/23/1929	18.50	-9,999	Minor	C4 G1
3/18/1936	18.10	-9,999	Minor	C4 G1
4/26/1937	39.10	-9,999	Major	C4 G1
10/16/1942	42.60	-9,999	Major	C4G1
12/5/1950	18.20	-9,999	Minor	C4 G1
8/19/1955	26.90	-9,999	Moderate	C4 G1
6/22/1972	39.10	-9,999	Major	C4 G1
11/6/1985	20.00	-9,999	Minor	C4 G1
3/5/1993	22.10	-9,999	Moderate	C4 G1
6/29/1995	25.10	-9,999	Moderate	C4 G1
1/20/1996	20.50	-9,999	Minor	C4 G1
9/8/1996	26.90	-9,999	Moderate	C4 G1
2/5/1998	19.20	-9,999	Minor	C4 G1
2/18/1998	18.00	-9,999	Minor	C4 G1
3/21/1998	18.10	-9,999	Minor	C4 G1

Drainage Area: 1596 sq mi

Gage Datum: 1.4 ft MSL

Rappahannock Basin

County of Gage: Spotsylvania

County of Forecast Point: Independent City

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-9999 signifies missing data

MARFC Codes

Code Description

- C1 Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
- C2 Crest information looks reliable despite potential problems. This data was used in frequency calculations.
- C3 Crest height estimated by the USGS.
- C4 Crest height is from the National Weather Service.
- C5 Crest height affected by backwater.
- C6 Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
- C7 Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
- C8 Crest date (day) in the month is unknown.
- C9 Flow is an estimate.
- F1 Flow affected by regulation or diversion and in some cases to an unknown degree.
- F2 Flow effected by snow-melt, ice jam or debris jam break up.
- F3 Flow affected by dam failure.
- F4 Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
- F5 Gage height at a different site and/or datum.
- G1 Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
- G2 Gage datum changed during this year.

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